

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022123\
 Data File : VN076747.D
 Acq On : 21 Feb 2023 11:24
 Operator : JC\MD
 Sample : VN0221WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBL02

Quant Time: Feb 22 04:10:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	263914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	470815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	412036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	153657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	194890	53.479	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.960%
35) Dibromofluoromethane	8.177	113	148297	48.097	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.200%
50) Toluene-d8	10.571	98	579099	50.292	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.580%
62) 4-Bromofluorobenzene	12.848	95	162934	42.723	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.440%

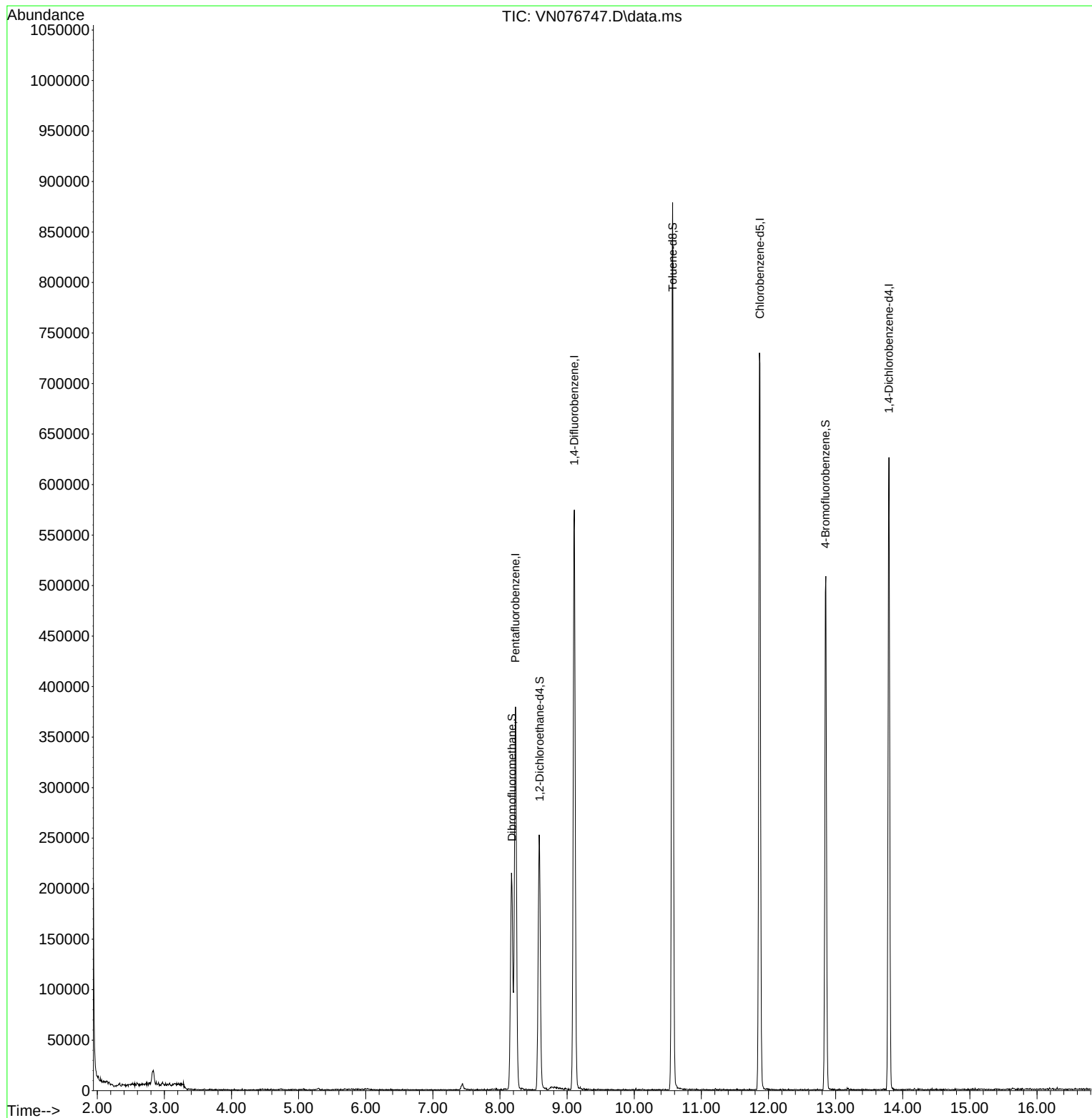
Target Compounds	Qvalue

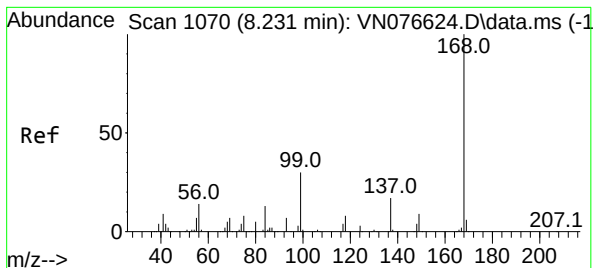
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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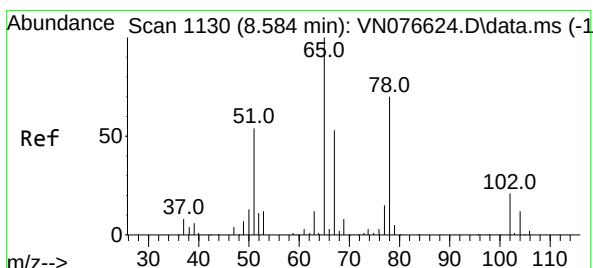
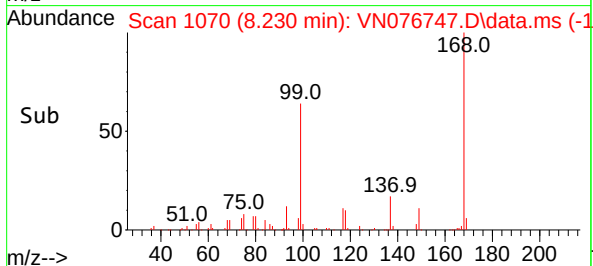
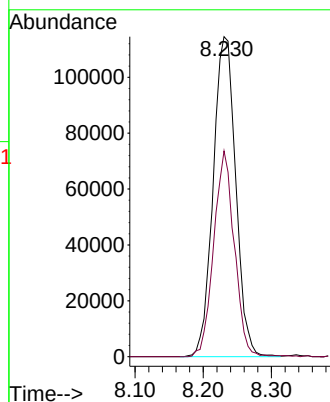
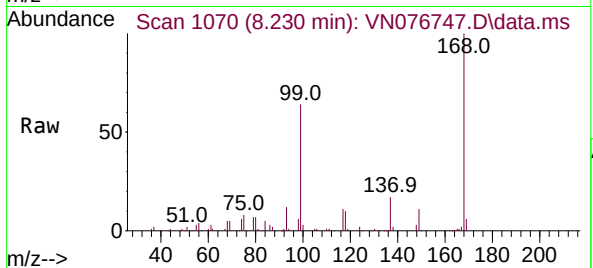




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN076747.D
Acq: 21 Feb 2023 11:24

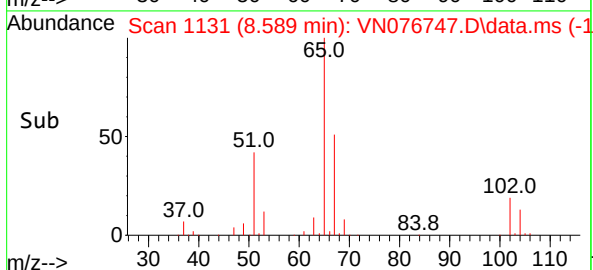
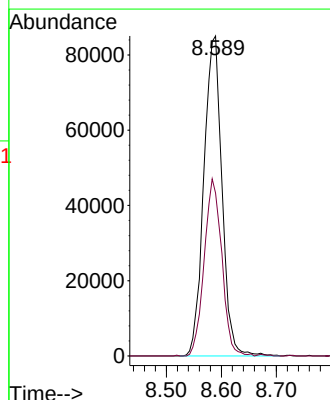
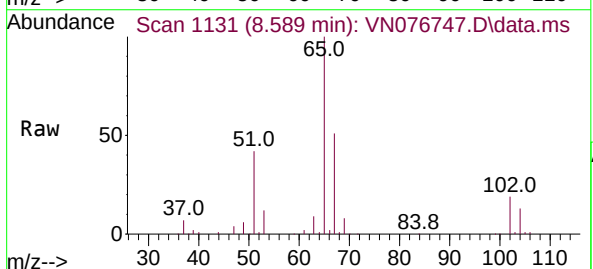
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBL02

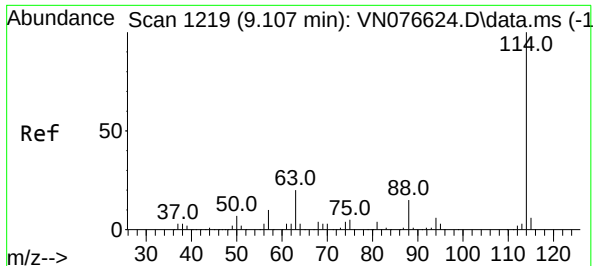
Tgt Ion:168 Resp: 263914
Ion Ratio Lower Upper
168 100
99 64.3 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 53.479 ug/l
RT: 8.589 min Scan# 1131
Delta R.T. 0.005 min
Lab File: VN076747.D
Acq: 21 Feb 2023 11:24

Tgt Ion: 65 Resp: 194890
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076747.D

Acq: 21 Feb 2023 11:24

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBL02

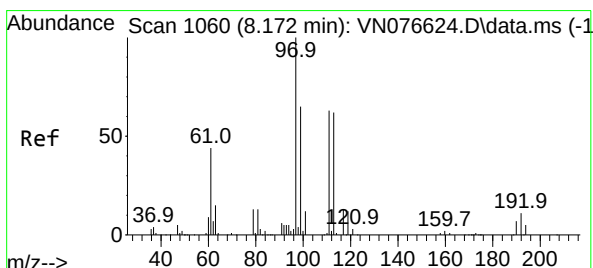
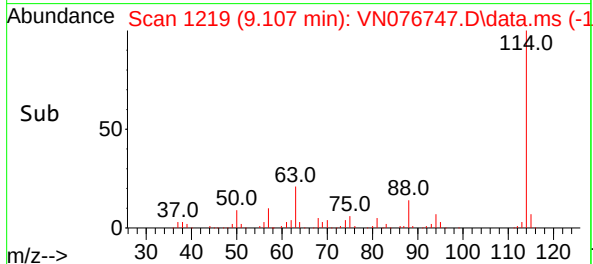
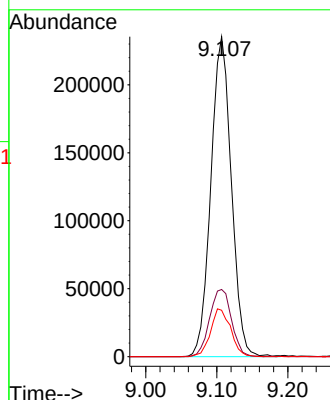
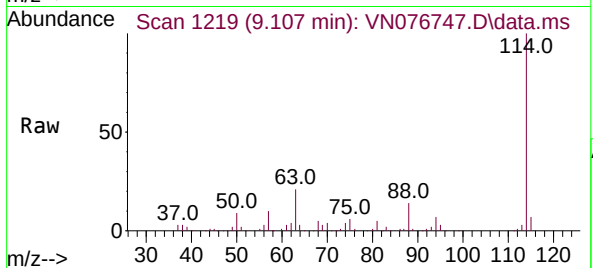
Tgt Ion:114 Resp: 470815

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.0

88 14.5 0.0 29.6



#35

Dibromofluoromethane

Concen: 48.097 ug/l

RT: 8.177 min Scan# 1061

Delta R.T. 0.005 min

Lab File: VN076747.D

Acq: 21 Feb 2023 11:24

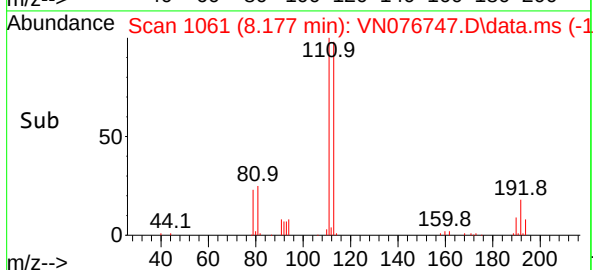
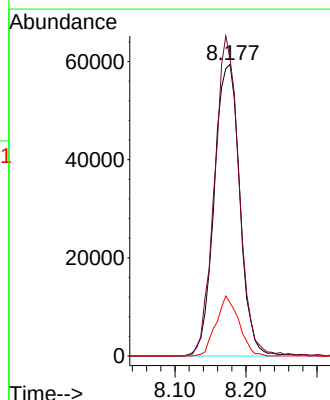
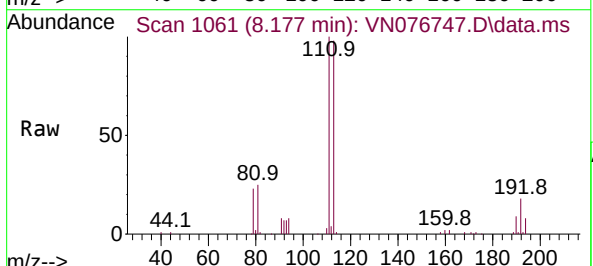
Tgt Ion:113 Resp: 148297

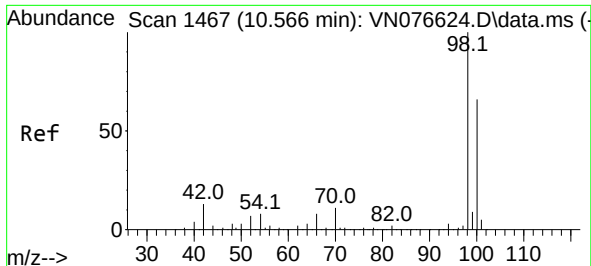
Ion Ratio Lower Upper

113 100

111 105.3 83.1 124.7

192 18.4 15.6 23.4

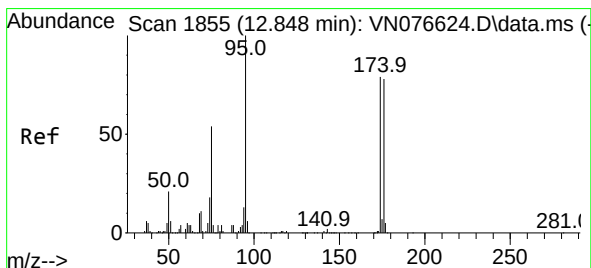
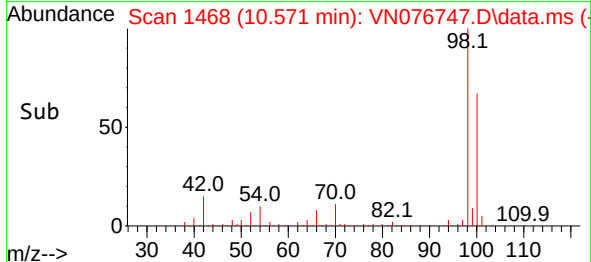
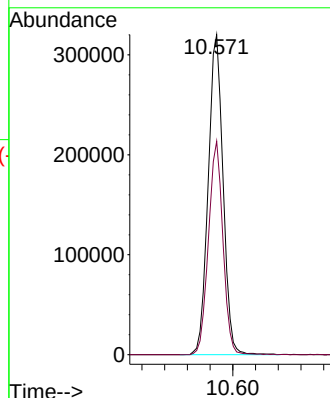
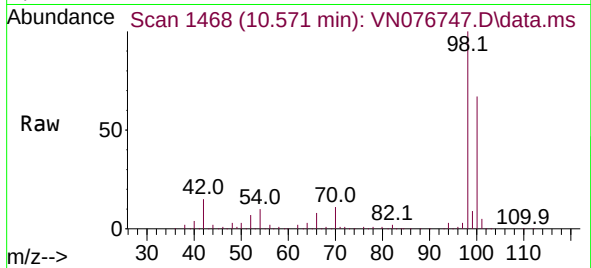




#50
Toluene-d8
Concen: 50.292 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. 0.005 min
Lab File: VN076747.D
Acq: 21 Feb 2023 11:24

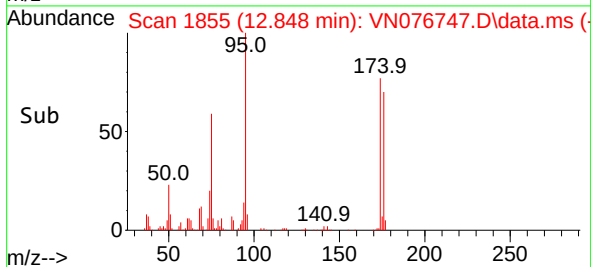
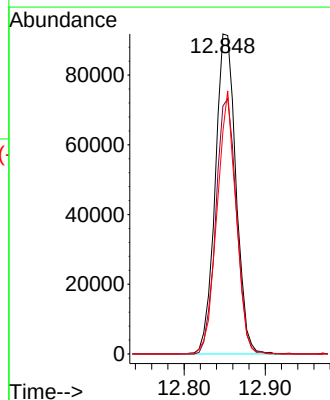
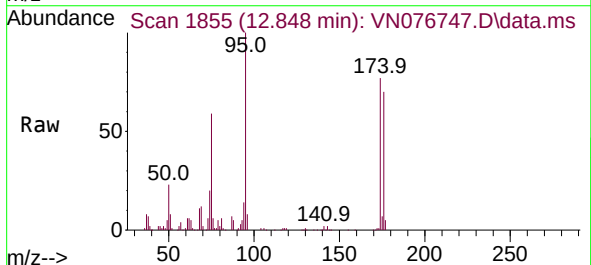
Instrument :
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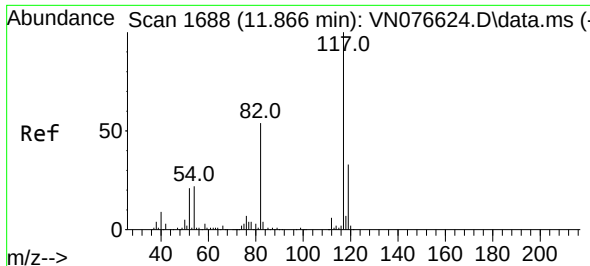
Tgt Ion: 98 Resp: 579099
Ion Ratio Lower Upper
98 100
100 64.8 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 42.723 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076747.D
Acq: 21 Feb 2023 11:24

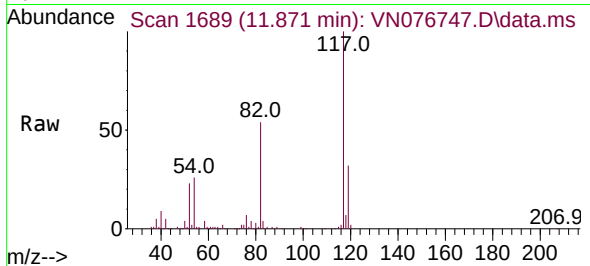
Tgt Ion: 95 Resp: 162934
Ion Ratio Lower Upper
95 100
174 79.1 0.0 169.2
176 75.0 0.0 163.4



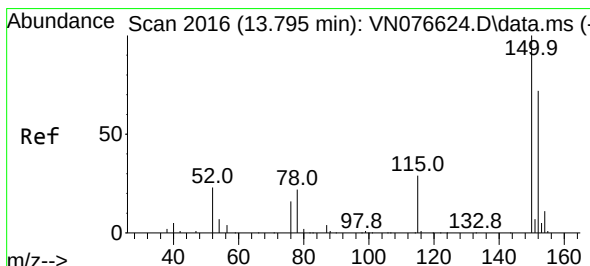
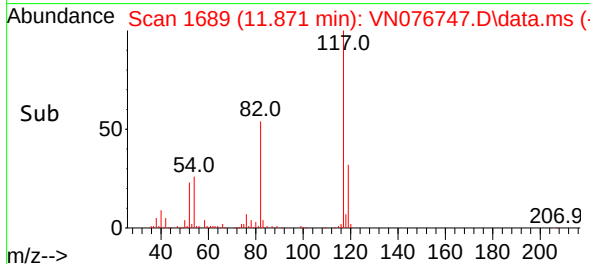
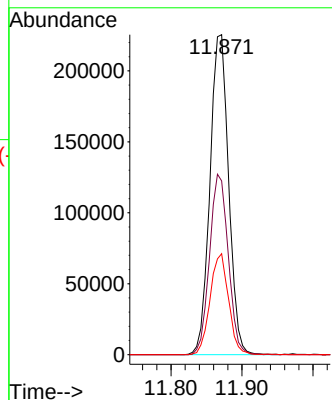


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.005 min
Lab File: VN076747.D
Acq: 21 Feb 2023 11:24

Instrument :
MSVOA_N
ClientSampleId :
VN0221WBL02



Tgt Ion:117 Resp: 412036
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.2
119 31.6 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076747.D
Acq: 21 Feb 2023 11:24

Tgt Ion:152 Resp: 153657
Ion Ratio Lower Upper
152 100
115 58.6 29.3 87.9
150 159.5 0.0 349.8

